



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

country districts. When persons reach mature age without knowing anything about Natural History objects, they find it is then too much trouble to investigate these subjects. But by getting at them when young, by simple and forcible illustrations, they are bound to carry it forward with them to a certain extent, and if there should come a time when they are in a position to give time to study, the first they will take up and pursue with patience will probably be some subject of this nature, merely for the pleasure of the study. On the other hand, if they have no inclination to work, they will not forget the pleasant hours they spent when they sat listening to some explanation of an object so familiar, which will create a tendency to put their hands to the bottom of their pockets and act feelingly. If children could be taught to see God in Nature and the wonders which He controls, without cramming the brain with so much theory, by giving them a run into the country along with some one to explain, it would conduce a great deal more to their general health and happiness. Country Museums want illustrating and simplifying as much as possible. Call a spade a spade, *i. e.*, give the local name as well as the scientific one. This education would be another great saving to the nation if it were universal. Half the things that are dug up now are only saved by the merest chance, because the men digging do not care what they are striking their pick through. This would be altered altogether if they had been taught in early youth to take notice of the value and interest there is attaching, often, to things dug up from the earth.

Thirty-five years ago Professor Forbes said: "I cannot help hoping that the time will come when every British town even of moderate size will be able to boast of possessing public institutions for the education and instruction of its adults as well as its youthful and childish population; when it shall have a well-organised Museum wherein collections of natural bodies shall be displayed, not with regard to show or curiosity, but according to their illustration of the analogies and affinities of organised and unorganised objects, so that the visitor may at a glance learn something of the laws of nature; wherein the products of the surrounding district, animate and inanimate, shall be scientifically marshalled, and their industrial applications carefully and suggestively illustrated; wherein the memorials of the neighbouring province, and the races that have peopled it, shall be reverently assembled, and learnedly yet popularly explained; when each town shall have a library, the property of the public, and freely opened to the well-conducted reader of every class; when its public walks and parks (too many as yet existing only in prospect) shall be made instructors in botany and agriculture; when it shall have a gallery of its own, possibly not boasting of the most famous pictures or statues, but nevertheless showing good examples of sound art: examples of the history and purpose of design, and, above all, the best specimens to be procured of works of genius by its own natives who have deservedly risen to fame. When that good time comes true-hearted citizens will decorate their streets and squares with statues and memorials of the wise and worthy men and women who have adorned their province—not merely of kings, statesmen or warriors, but of philosophers, poets, men of science, philanthropists and great workmen."

How far are we from yet realizing this ideal, and how slowly we seem to progress in so desirable a direction! Still there are many signs that the conscience of the nation is at last awakened, and if we see to it that all the discussions at present filling the air do not end simply in talk, but that practical good shall be the outcome, then our progress during the coming twenty-five years will not be so discouraging. In no better way can this ideal be

realized than by an acute recognition of the place Museums should occupy in our national system of education.

LETTERS TO THE EDITOR.

*Correspondents are requested to be as brief as possible. The writer's name is in all cases required as a proof of good faith.

On request in advance, one hundred copies of the number containing his communication will be furnished free to any correspondent.

The editor will be glad to publish any queries consonant with the character of the journal.

FEIGNED DEATH IN SNAKES.

AFTER reading the letter on "Feigned Death in Snakes" in *Science* of Oct. 13, one is left with the impression that *Heterodon*, or the "blowing viper," or, as he is known in New Jersey, the "adder," actually bites itself in the side and then pretends to die.

As the adders are very common in the southern part of this state, I have had countless opportunities for watching this habit of feigning death and have never seen anything like an attempt, or even a pretended attempt, to bite themselves. The teeth of *Heterodon* are hardly large enough to scratch a tender hand, much less bite through or between the heavy folds of the snake's horny skin. How this supposition came about is easily seen, when the snake, after finding it cannot escape, is about to turn over on its back, throws its mouth wide open, tucks its head under its body and suddenly twists over, the whole affair, unless carefully watched, looks decidedly suicidal. But the snake has not bitten itself and had no intention of so doing.

The account referred to is quite right in believing that this is not a "faint from fear." The convolutions of the serpentine hemispheres are undoubtedly well twisted, but we can hardly credit the reptile with so delicately a balanced organism as to admit of its fainting.

The measure, I believe, is purely a protective one, and often of the greatest service. *Heterodon* is the slowest and most clumsy of all our snakes, and as it cannot depend on flight for safety, it needs other means for protection, of which this trick in question is among the best, as is also its beautifully adaptive coloration. The spewing out of the contents of the stomach is similar to that habit in turkey buzzards and many other creatures, and an additional aid in escaping their enemies.

The whole affair, then, is not a "pretended suicide" but a pretended death, with a stink solely for the snake's protection.

DALLAS L. SHARP.

Bridgeton, N. J., Oct. 24.

THE DESTRUCTION OF WILD PLANTS.

THE destruction of wild plants by students of botany and collectors has become appalling. Botany is becoming a universal study in the schools, and one hundred young people each gathering one plant to use and ten to twenty to throw away, soon exterminate the rarer plants.

The solution of the problem is at hand. Let teachers use only cultivated plants in their work. Of these an abundance can always be had. Turn the attention of students from the mere collection and analysis of plants to the more important subjects of plant physiology and economic botany. The time has come for a change.

G. G. GROFF.

Lewisburgh, Pa.

MINNESOTA MOUNDS.

IN reply to Mr. F. B. Sumner's criticism on my notes on Minnesota Mounds I would state that he should point out and correct some of my "gross misrepresentations" instead of indulging in absurd statements not bearing on the subject. Would also suggest that he read the article